

ABSTRACT OF THE DISCLOSURE

A method and apparatus providing a teat cup assembly. The teat cup assembly includes a tubular sleeve, a milk receiving cup and a liner member. The liner member includes a head portion and a tubular elongate inflation portion. The head portion includes an upper teat chamber defined with a cylindrical wall having an outer exposed surface, an intermediate wall extending substantially orthogonally inward from the cylindrical wall and an upper seal wall laterally extending inward from the cylindrical wall having a central opening defined by the upper seal wall. The cylindrical wall of the head portion includes a cylindrical retaining extension configured to cooperate with and be coupled to an upper end portion of the tubular sleeve. The tubular elongate inflation portion includes side walls with opposite first and second ends defining a liner bore longitudinally along a length of the tubular elongate inflation portion with opposite first and second open ends. The first end is integrally interconnected and extends from the intermediate wall of the head portion with the first open end opening into the upper teat chamber. The second end of the tubular elongate inflation portion is a free end. With this arrangement, the tubular elongate inflation portion is configured to be inserted through a sleeve bore defined in the tubular sleeve so that the cylindrical retaining extension is disposed around an upper end portion of the tubular sleeve. The inflation portion is configured to be placed in tension with the free end of the tubular elongate portion invertedly drawn around a lower end portion of the tubular sleeve with a portion of the milk receiving cup capturing the inverted free end between the lower end portion of the tubular sleeve with an interference fit.